

Lecture 16 - Using UARTS

Tuesday, March 31, 2020 10:44 AM

Objectives:	<ul style="list-style-type: none">- Learn how UARTs communicate asynchronously- Learn how UARTs are configured
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Key Communication Link Characteristics:

- Synchronous vs. Asynchronous
- Full-Duplex vs. Half-Duplex

Rs-232

DTE - Data Terminal Equipment - Like a terminal (terminal Emulator)

DCE - Data-Circuit Terminating Equipment - like a modem -(MX7)

Parity

Odd : 1 1 0 0 1 1 0 1 P: 0 Total number of 1s including P is odd

Even: 1 1 0 0 1 1 0 1 P: 1